

DEC 09 2004

AMENDMENT

IN THE CLAIM

Please cancel Claims 1 to 3, without prejudice or disclaimer of the subject matter thereof, and add new claims 4 to 8. The added new claim 4 is modified from the original claim 1. The new claim 4 has the content of original claim 1 and some features in the Fig. 2 of the present invention so as to further confine the scope of the original claim 1 to avoid the rejection of the citation. The new claim 5 adds the content in the original claim 2 to the new claim 4. The new claim 6 is from the last paragraph in page 4. The new claims 7 and 8 from the first paragraph in page 5. Thereby, it is assured that the new claims are based on the original claims, drawings, and specifications, and thus no new matter is added. The relations of the new claim with respect to the original claims are shown in the following Remark by which Examiner can understand the structure of new claims with respect to the original claims clearly.

LIST OF CLAIMS:

Claims 1 to 3 (Cancelled)

Claim 4. (New) An air valve structure of a pneumatic motor of a screwdriver, a spindle of a pneumatic motor being installed between a bearing top seat and a bearing bottom seat; the bearing top seat being installed in a top of an inner chamber of the screwdriver with a top washer being located between the bearing top seat and a top wall of the inner chamber; each of the bearing top seat and the bearing bottom seat having a respective air inlet for driving the pneumatic motor to rotate; wherein the spindle of the pneumatic motor is formed with a bi-directional rod groove; one top end of the rod groove is communicated to the top of the

inner chamber with an air inlet of the pneumatic motor and a bottom end thereof is formed with a valve gate to be communicated to an air supply of an upper valve opening of the valve gate in the screwdriver so as to form an air path to supply air to drive the pneumatic motor,

a piston rod for beating a screw nail is mounted in the rod groove; an air stop washer is formed on the piston rod for controlling opening and closing of the valve gate with the movement of the screw nail as the screw nail is beaten so as to control the opening and closing of the valve gate, and thus rotation of the pneumatic motor is controlled.

Claim 5. (New) The air valve structure of a pneumatic motor of a screwdriver as claimed in claim 1, wherein the air inlet of the pneumatic motor has an annular washer at a top of the bearing top seat; the annular washer has a groove which is extended from an inner hole of the annular washer to outsides so as to communicated with rod groove and the air inlet of the pneumatic motor.

Claim 6. (New) The air valve structure of a pneumatic motor of a screwdriver as claimed in claim 1, wherein a planet gear set has a first driving gear; the first driving gear is driven by the spindle and then serves to drive a plurality of second driven gears around the first driving gear and an internal gear; the second driven gears will drive a power output disk on the bearing seat to rotate.

Claim 7. (New) The air valve structure of a pneumatic motor of a screwdriver as claimed in claim 1, wherein an axial line of the output disk 4 is formed with a polygonal hole and a polygonal piston rod is installed along an axial line of the output disk and passes through the polygonal hole.

Claim 8. (New) The air valve structure of a pneumatic motor of a screwdriver as claimed in claim 1, wherein a bush is engaged to the polygonal hole and then the piston rod is enclosed by the bush; a plurality of disk holes are formed on the output disk, which is communicated to a valve opening of the rod groove.

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